

VOICE TUBE ANTENNA FOR WIRELESS HEADSET

ABSTRACT OF THE DISCLOSURE

A voice tube antenna for a wireless headset for use in telecommunications, telephony, and/or multimedia applications is disclosed. The voice tube may generally
5 include a flexible (e.g., gooseneck) or rigid tubular member having an open end and an opposing end coupled to a microphone, a lumen defined by the tubular member extending between the open end and the opposing end for acoustic transmission between the open end and the microphone, and an antenna formed in the voice tube and configured to be coupled to a transmitter and/or receiver for wirelessly transmitting and/or receiving
10 signals via the antenna. The tubular member may be nonmetallic such that the antenna may be a metallic wire extending through the nonmetallic tubular member or the tubular member may be metallic such that the tubular member also serves as the antenna. The metallic antenna may be, for example, generally straight or spiral wound.